

### **Amendment(s) to the Specification**

- Please replace paragraph [0040] of the present application, as published, with the following rewritten paragraph:

[0040] In fact it has been unexpectedly noticed that one of the most striking characteristics of THAM in the instant invention is that this organic hydrogen-ion acceptor produces a marked biological activity in vivo and physiologically and reversibly depolarizes the nasal mucosa epithelial cell membranes, thus enhancing the active process of nasal peptide absorption. Furthermore, ~~TRAM~~ THAM, contrarily to other amines, produces such desirable effects at concentrations where other amines exhibit significant toxicity problems.

- Please replace paragraph [0042] of the present application, as published, with the following rewritten paragraph:

[0042] In other words, it has been experimentally observed that ~~TRAM~~ THAM prevents the oxidation of the disulphide bridges between the thioamino acids of the nasal peptides, thus unexpectedly stabilizing the therapeutically effective amount of the nasal peptide of the pharmaceutical formulation.

- Please replace paragraph [0045] of the present application, as published, with the following rewritten paragraph:

[0045] (a1) In a convenient amount of distilled water is dissolved in a suitable container the adequate quantity of ~~TRAM~~ THAM and optionally of methyl or/and propyl p-hydroxybenzoate, hydrochloric or citric acid, cysteine and stirred until complete dissolution;